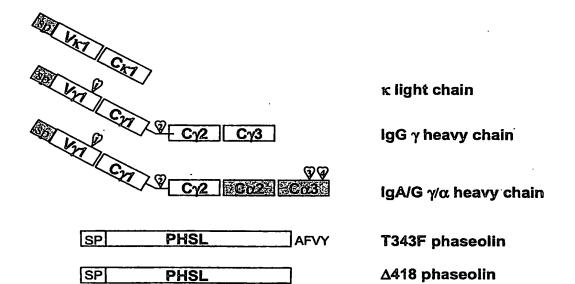
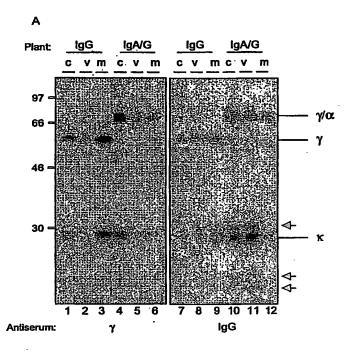
Figure 1



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Figure 2



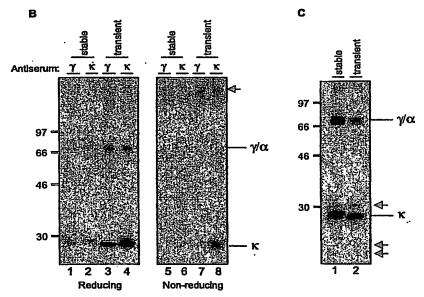
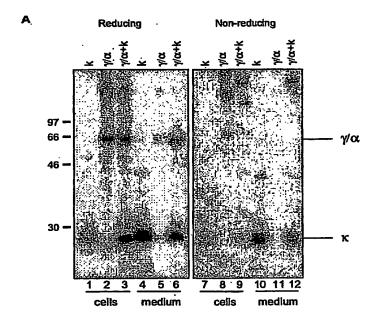


Figure 3



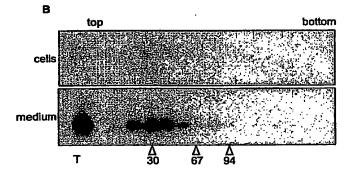


Figure 4

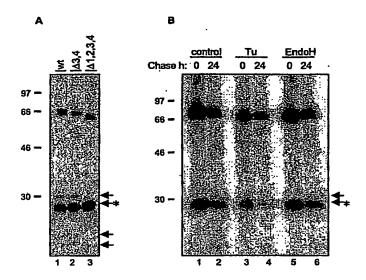


Figure 5

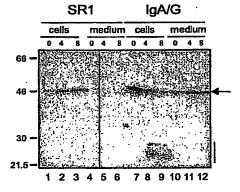




Figure 6

555

CMYGHEALPMNFTOKTIDRLSGKPTNVSVSVIMSEGDGICY
CSVLHEGLHNHHTEKSLSHSPGK

Δ

436

Figure 7

Α ΙγΓ ΙγΑ/Γ□С18 ΙγΑ/Γ 0 4 8 12 46 30 9 10 11 12 13 14 15 16 17 18 19 20 χελλσ μεδιυμ χελλσ μεδιυμ χελλσ μεδιυμ

В ✦— □C18 Δ— igG █— igA/G 100 90 80 % recovery in medium 70 60 50 40 30 20 10 0 12 0 8

Chase h

IDRLSGKPTNVSVSVIMSEGDGICY
IDRLSGRPTNYSYSVIMSEGDGICY
IDRLSGRPTNYSYSVIMSEGDGICY
IDRL SGKPTNVSVSVIMSEGDGI CY
IDRL SGRPTNYSYSVIMSEGDGICY
IDELSGEPTNYSYSYIMSEGEGICY
IDRISGRPTNYSYSVIMSEGDGICY
IBRL SGKPTNYSYSYIMSEGDGIC Y
IDRLSGRPTNYSVSVIMSEGDGICY
IDRLSGRPTNVSVSVIMSEGBGICY
IDRL SCKPTNVSVSVIMSECDCICY
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IDBLSGRPTNYSVSVIMSEGDGICY
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IDRLACKPTHVNVSVVMAEVDGTCY
IDRLAGKPTHVNVS <b>VVMAEVDGT</b> (Y
IDRLAGKPTHVNVSVVMAEVDGTCY
IDRLAGKPTHYNYSVVARKYDGTCY
Idrlagkpthynysyvmreydgtcy
idrlagkpthvnysvvmrevdgt <i>c</i> y
Idrlagkpthynysvyvadvbav <i>c</i> y
<b>VDRSTGKPTLYNVSLIMSDAGGTCY</b>
VDKSTGKPTLYNYSLIMSDTGGT(Y
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VDKSTGKPTLYNVSLVLSDTAGZ <y< td=""></y<>
<b>VDKTSGKPTLYNVSLVLSDTRS</b> Tc <b>Y</b>
<b>VDKSTGKPTLYNVSLIMSDTAST</b> CY
vdrasgkasavnyslyladsaarc <sup>*</sup> Y
RIGGPPTGITSDVYLSVYEGV <i>C</i> -
+.sG.so.hssslhhutu
lD+.sGKPT.hsVS11hu-ssGh Y

Figure 8 100.0% 100.0% 1 SWALL: ALC MOUSE 2 SWALL: Q9DCD9 100.0% 3 SWALL: Q91WP5 100.0% 4 SWALL: 099M22 100.0% 5 SWALL: Q91XE1 100.0% 5 SWALL: AAH29188 100.0% 7 SWALL: Q91WT1 100.0% 8 SWALL: Q91WT3 100.0% 9 SWALL: Q8VCV5 100.0% 10 SWALL: 091X92 100.0% 11 SWALL: AAH28249 100.0% 12 SWALL: Q8VEAO 100.0% 13 SWALL: Q99LA6 100.0% 14 SWALL: Q91207 100.0% 15 SWALL: Q99KA4 100.0% 16 SWALL: Q91WR1 100.0% 17 SWALL: AAH31703 100.0% 18 SWALL: Q8VCX4 100.0% 19 SWALL: ALC2\_HUMAN 72.0% 20 SWALL:ALC1 GORGO 72.0% 21 SWALL: ALC1 HUMAN 72.0% 22 SWALL: Q9UP60 72.0% 23 SWALL: Q9NPP6 72.0% 24 SWALL:BAC11114 72.0% 25 SWALL: Q96K68 72.0% 26 SWALL: Q96KX8 72.0% 27 SWALL: Q96DKO 72.0% 28 SWALL: Q8WY24 72.0% 29 SWALL: AAH32249 72.0% 30 SWALL: Q9BRVO 72.0% 31 SWALL:ALC RABIT 56.0% 32 SWALL: MUC MESAU 56.0% 33 SWALL: MUC MOUSE 52.0% 34 SWALL: Q9BSZ1 48.0% 35 SWALL: MUCB HUMAN 48.0% 36 SWALL: MUC HUMAN 48.0% 37 SWALL: Q9BQB8 48.0% 38 SWALL: Q9BU10 48.0% 39 SWALL: Q96BB9 48.0% 40 SWALL: MUC CANFA 44.0% 41 SWALL: MUC SUNMU 44.0% 42 SWALL: MUC RABIT 48.0% 43 SWALL: MUC CHICK 40.0% 44 SWALL: Q8YOT9 36.4% consensus/100% consensus/90%

Figure 9

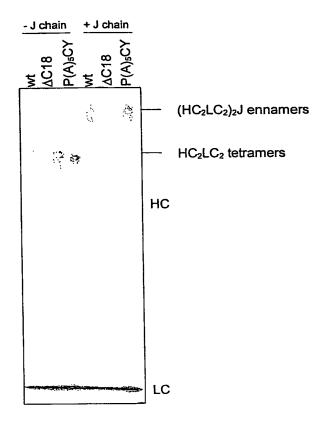


Figure 10

